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iWebDB-Web site administration based on object-relation databasetechnology

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Abstract
Since the emergence of the World Wide Web in the year 1990, the number of accessible
pages, and thereby the amount of accessible data have increased dramatically. Consequ
around the world are engaged in maintaining a Web server and its content. While creatin
getting more and more simple, the administration of a Web site is still a time consuming a
Available tools for Web Content Management (WCM) only cover some of the relevant as;
task; an integrated fully functional solution is missing. Therefore, Web administrators still
many problems, such as ensuring validity of available documents or keeping hyperlinks c
administrative components of iWebDB, an integrated WCM solution, based on object-rela
technology. By extending an object-relational database system (ORDBS) with WCM func
of WCM, such as validity checks and consistency checks for local hyperlinks, can be dele
thereby automated. Therefore, iWebDB achieves more effective and easier administratio
its content by exploiting the extensibility property of ORDBSs

Index Terms
Inspec
Controlled Indexing
Internet   computer network management   hypermedia   information resources
servers   object-oriented databases   relational databases

Non-controlled Indexing
HTML pages   Internet   ORDBSs   WCM functionality   Web Content Manageme
administrators   Web site administration   World Wide Web   accessible Web ser\
accessible data   consistency checks   iWebDB   integrated WCM solution   integ
functional solution   local hyperlinks   object-relational database system   object-r
database technology   validity checks

Author Keywords
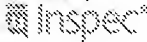Not Available

Medical Subject Heading (MeSH Terms)
Not Available

References

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